



# Camions Electriques à Batteries

Webinaire – 17 mars 2026



## L'ASSOCIATION DE RÉFÉRENCE DES PROFESSIONNELS DE LA SUPPLY CHAIN

Permettre aux Supply Chains de **contribuer à un monde durable** pour les personnes, la planète et la performance

Renforcer l'impact de la Supply Chain dans la **compétitivité** des entreprises

Promouvoir les métiers de la Supply Chain pour **développer attractivité et reconnaissance**

# 450

Entreprises & Écoles

Adhérentes

# 50+

Ans

# 5000

Membres

# 100+

Projets



DE LA  
PME AU  
CAC40



INSTITUTIONS &  
HÔPITAUX



SERVICES



ÉCOLES &  
RECHERCHE



INDUSTRIE



RETAIL

# ***MICHELIN TESTIMONY***



17<sup>th</sup> of March 2026

# PRESENTATION

1

*EUROPEAN  
LOGISTICS*

2

*AMBITIONS*

3

*STRATEGY*

4

*USE CASES*





# **1 – EUROPEAN LOGISTICS**

## **PRESENTATION**



# MICHELIN LOGISTICS IN EUROPE



## Some key figures:

~1500 trucks/day

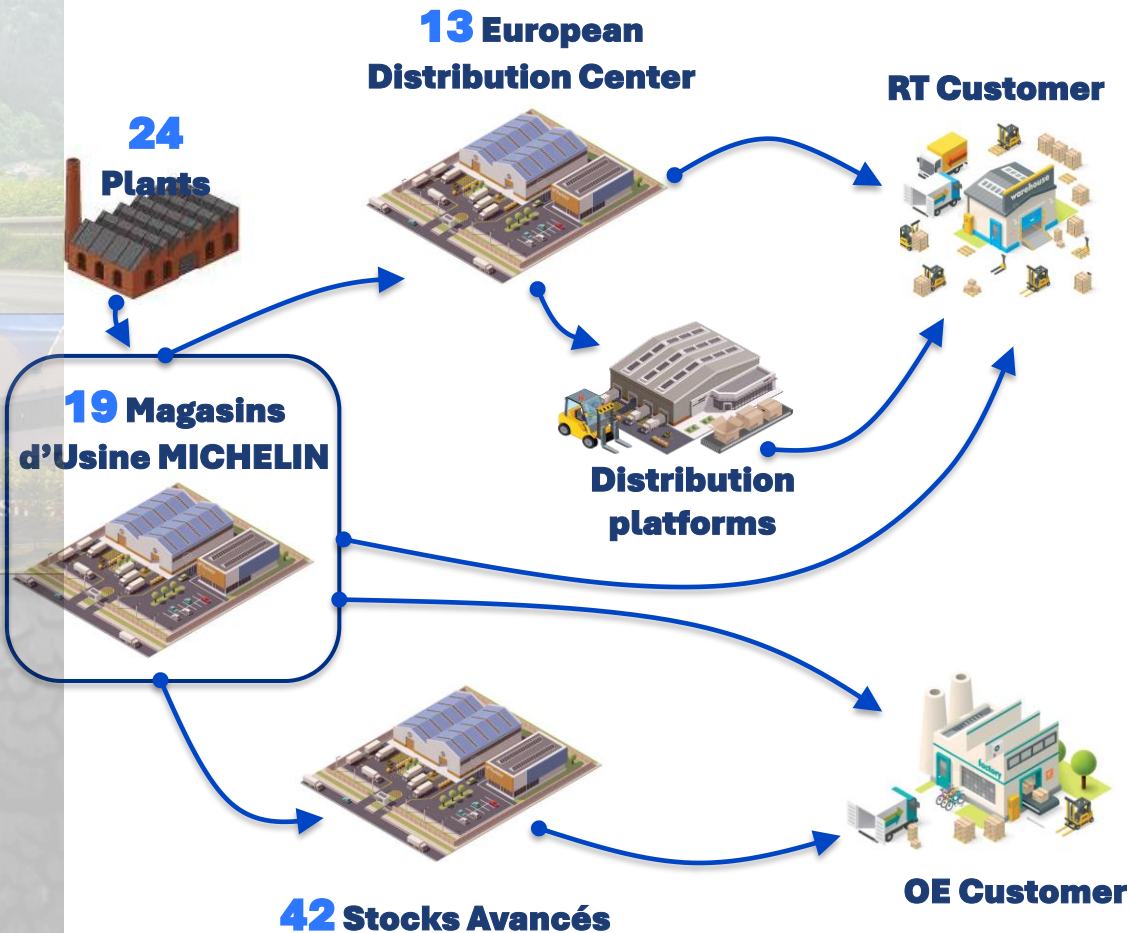
~ 300 service providers

~ 400 M€/year

~ 3,4 MT carried/year

~ 250 kT CO2/year

3 Transport modes



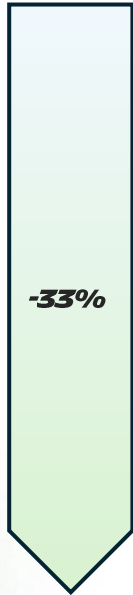
## 2 – CO<sub>2</sub>

### AMBITIONS



**2019 - 2025**

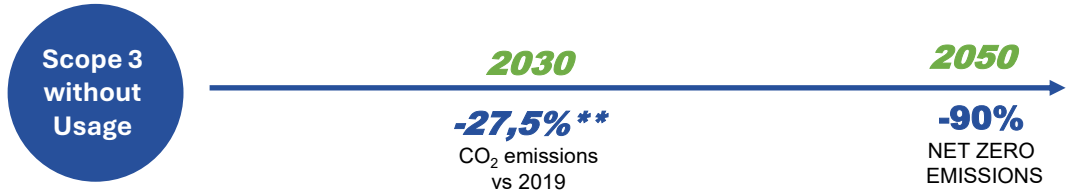
**2019**  
**1,36MT CO<sub>2</sub>**



**2025**  
**0,91MT CO<sub>2</sub>**

**→ 2030 / 2050**

**EXTERNAL COMMITMENT**



**\*\* Validated in July 2024 by SBTi**

## **3 – STRATEGY**

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### *3 PILLARS*



## TRANSPORT LESS

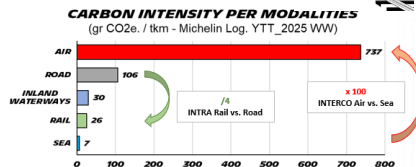
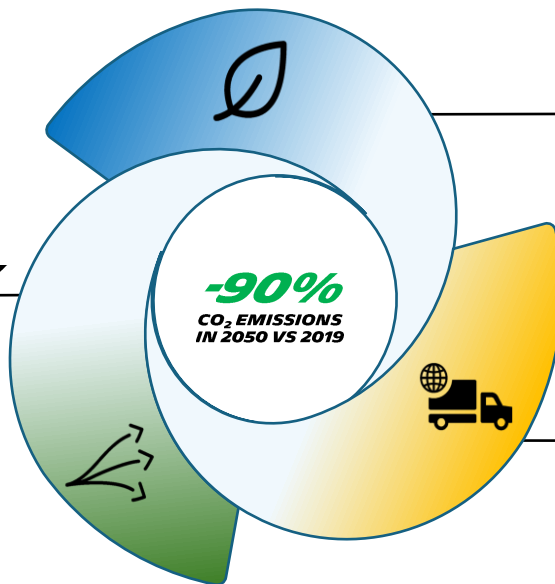
- Improving effectiveness
- t carried / t sold
- Levers
  - Integration Finished Goods / Non-Finished Goods
  - Direct Factory Shipments
  - ...

## TRANSPORT BETTER

- Improving efficiency
- t CO2 / t carried
- Levers
  - Operational excellence (filling rate, network, ...)
  - Local 2 Local
  - Multimodality (rail, Inland water)
  - Limit airfreight
  - Alternatives fuels (bio-fuel, e-fuel, ..)
  - ...

## TRANSPORT DIFFERENTLY

- t CO2 / t carried
- Collaborating to external organizations
- Innovating through environmentally and socially friendly technologies
- Levers:
  - Electrical vehicles (BEV, FCEV, ...)
  - EMS
  - Wind Powered
  - ...





# Road Freight Decarbonization with BEV Trucks

March 17, 2026

Pierre CHAUFOUR – Business Intelligence – Renault Trucks

Stève MANIKAS

Electromobility Solutions Sales Director - Renault Trucks



**RENAULT  
TRUCKS**

**01**

# **Renault Trucks Decarbonization Strategy**

**The Shift To Electric Started!**

## Blainville-sur-Orne

- Medium duty trucks
- Electric trucks
- Cabs & components
- Vehicle adaptations

## Limoges

- Remanufacturing

## Bourg-en-Bresse

- Heavy duty trucks
- Electric trucks
- Completely Knock Down kits
- Used Trucks Factory
- Vehicle adaptations

## Lyon

- Headquarters
- R&D center
- Engine & axles
- Stamping
- Spare parts

# Our footprint in France



**8,100**  
workforce

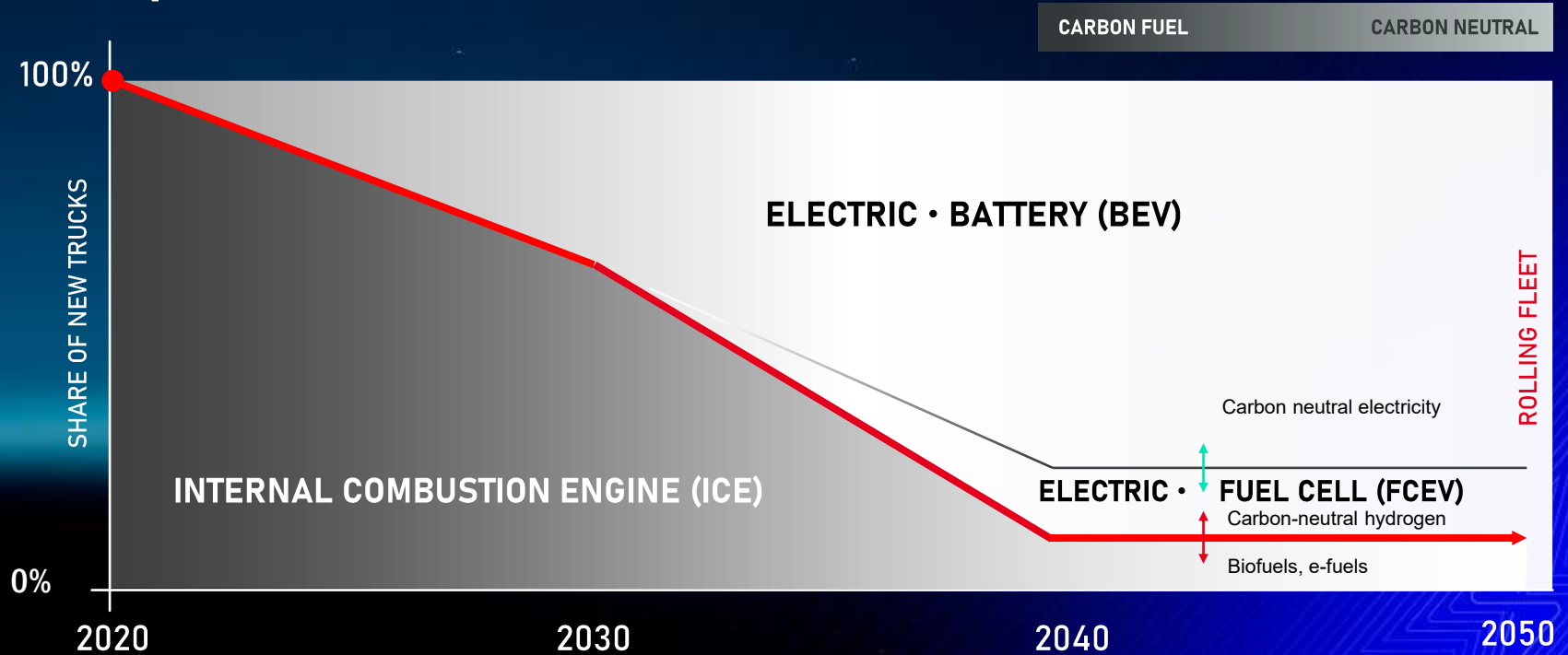


**4,600**  
industrial workforce

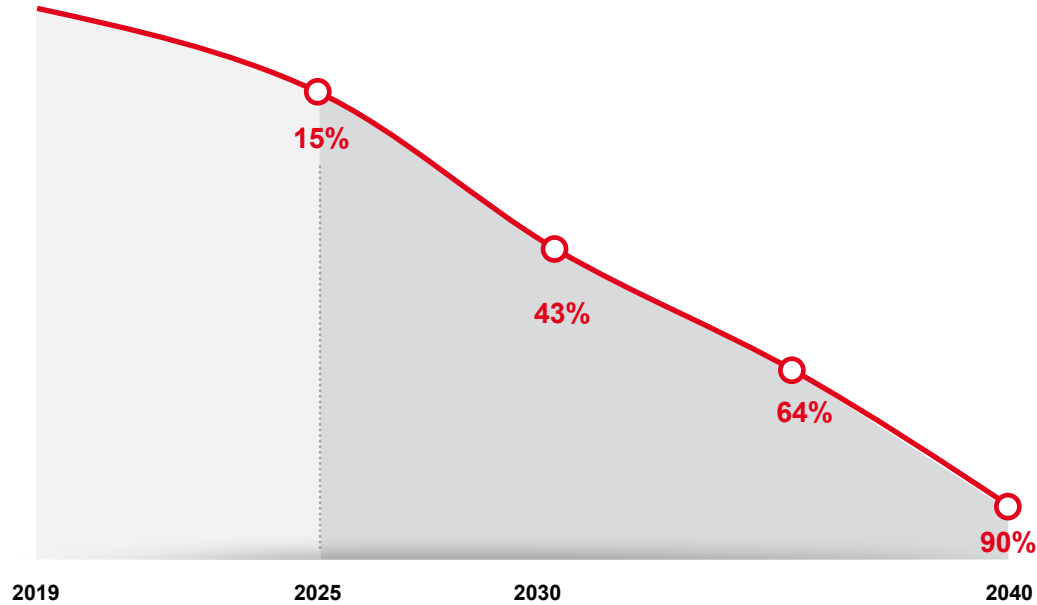


**1,000**  
R&D workforce

# Renault Trucks roadmap towards carbon neutral transportation



# Ambitious CO<sub>2</sub> reduction targets



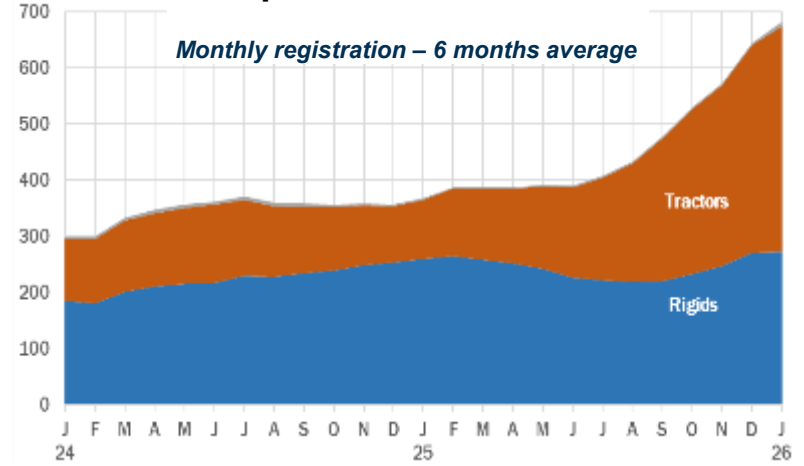
*Index 100 = Industry average baseline in 2019*

EU regulatory constraints weigh on OEMs

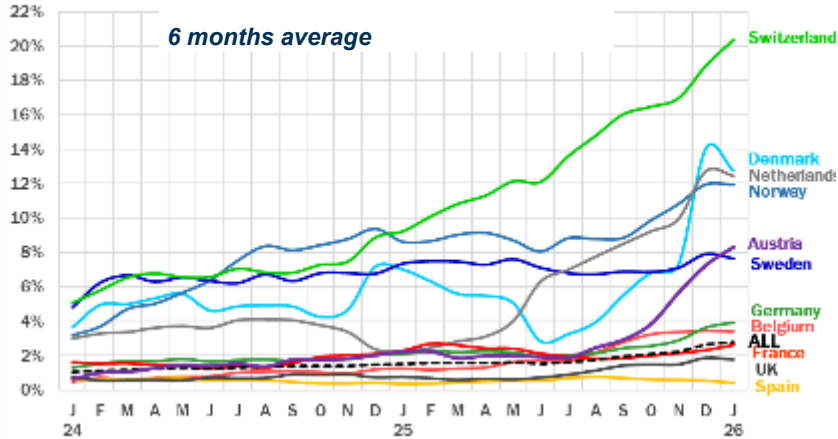
# Market outlook

Electric trucks above 16 t  
End of January 2026

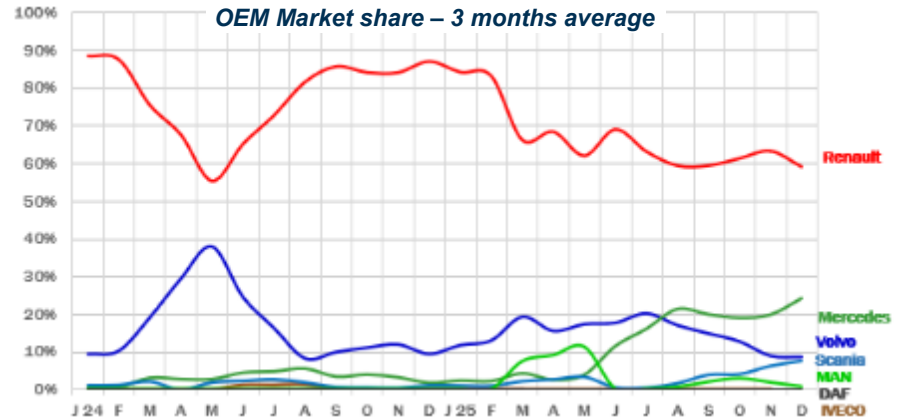
## Europe (EU27+CH+UK+NO)



## Penetration in countries



## France

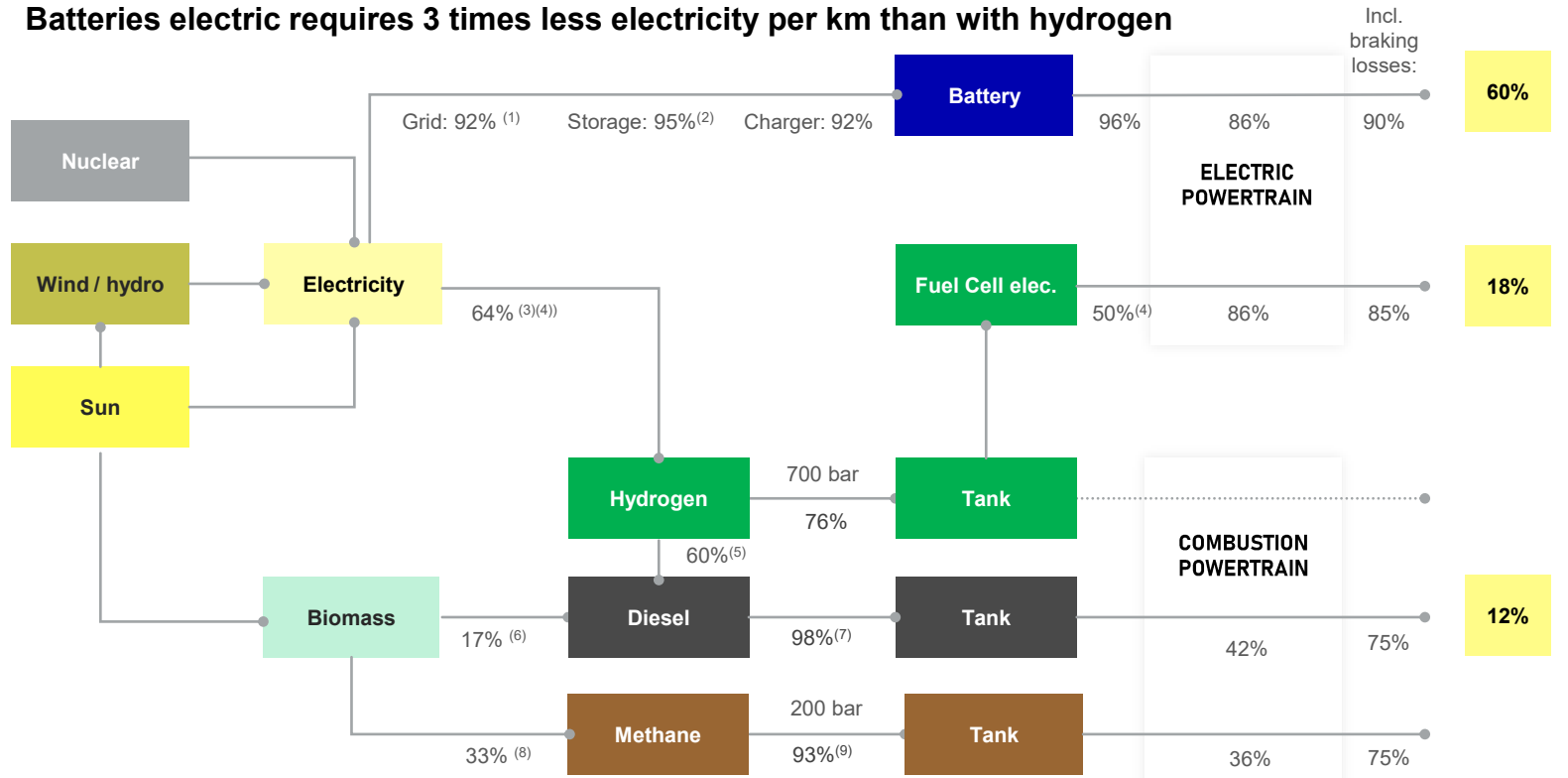


02

# Road Freight decarbonisation

# Well-To-Wheel Energy Efficiency

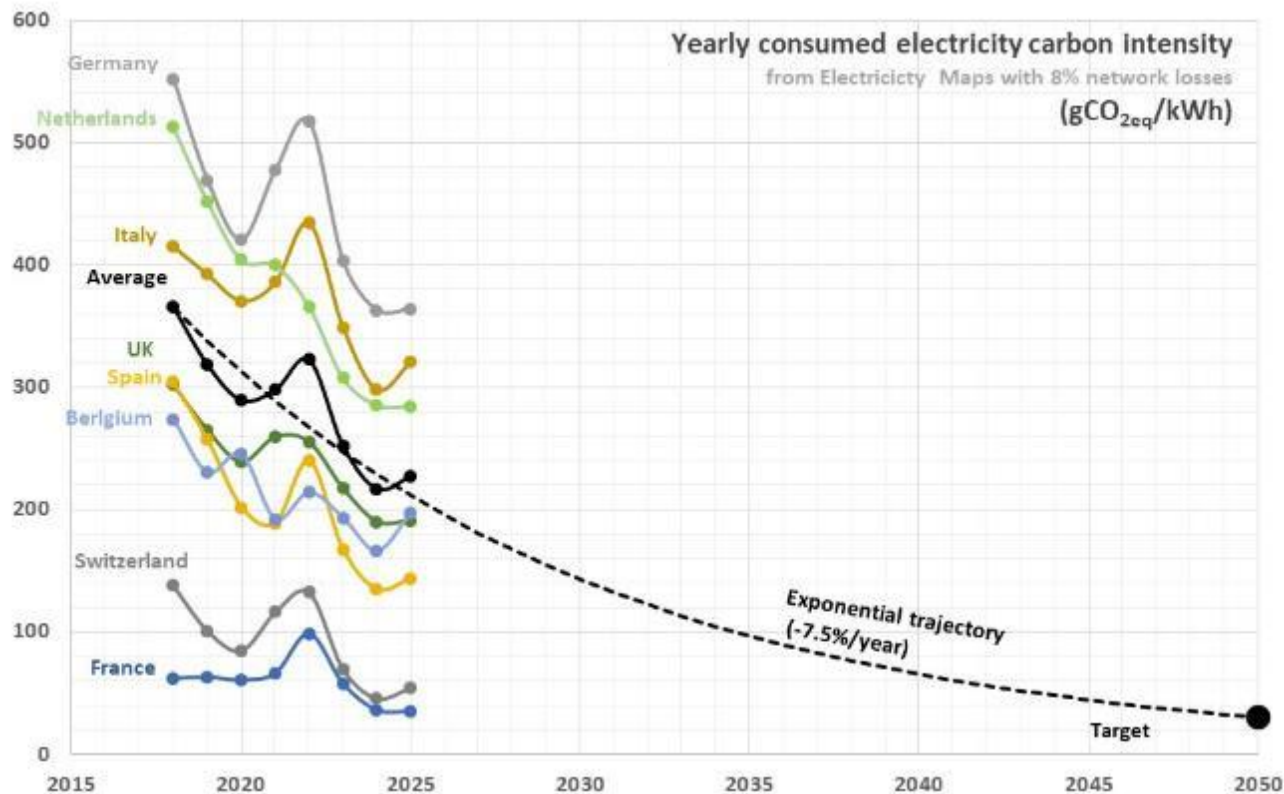
Batteries electric requires 3 times less electricity per km than with hydrogen



Average values over time. (1) 2.2% in high-voltage network (source : RTE), 6% in medium and low voltage network. (2) Considered as example: "Target 2050: 100% renewable energy supply", UBA, 2010, figure 5, link : 52.8 TWh/ly stored with an average efficiency of 70% (batteries, dams, hydrogen), hence 23 TWh/ly losses out of a consumption of 506 TWh/ly, hence 5% losses. (3) JEC "Well-to-wheel" report 2020, EMEL1/CH2a pathway. (4) Based on Hydrogen Low Heating Value (120 MJ/kg). (5) "E-Fuels: A techno economic assessment of European domestic production and imports towards 2050", CONCAWE, 2022. (6) Considered as example: in France, one hectare of rapeseed getting 1,300 kWh/m2/year as sun energy (65 MWh biomass with 0.5% sun to biomass efficiency) results in 1,500 t (13.6 MWh) of B100, and requires 15.1 MWh of additional primary energy (JEC 2020 ROFA1), hence a biomass to biodiesel efficiency of 13.6/(65+15.1) = 17%. (7) JEC "Well-to-wheel" report 2020, COD1 pathway. (8) Considered as example: in France, one kg of straw (14.5 MJ/kg at 10% humidity) results in 7.5 MJ biogas produced (France Stratégie, 2021, page 132), and requires 8.5 MJ of additional primary energy (JEC 2020 OWCG4), hence a biomass to biogas efficiency of 7.5 / (14.5 + 8.5) = 33%. (9) JEC "Well-to-wheel" report 2020, OWCG4

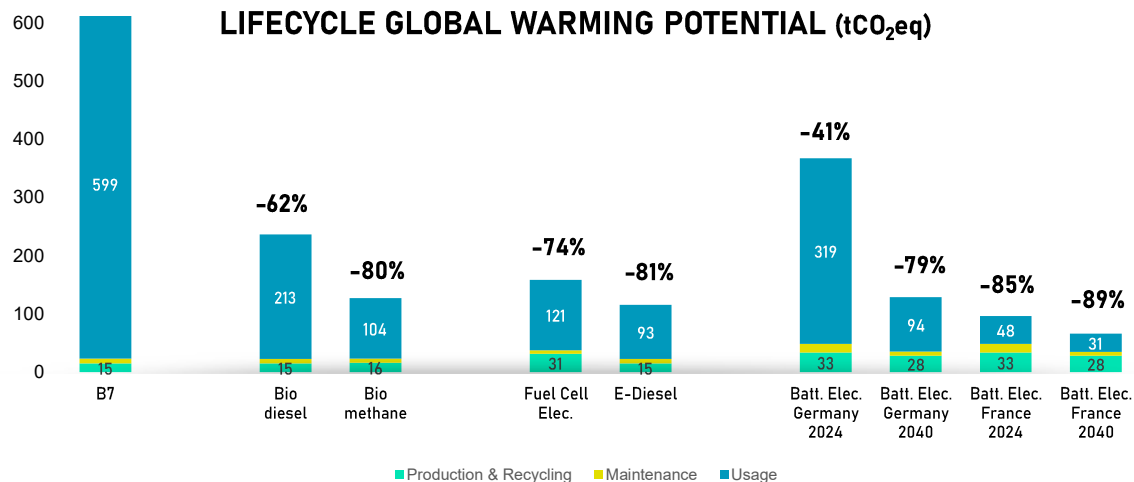
# Electricity decarbonisation started

On average since 2018, the electricity carbon content is decreasing by **7%/year** in the 8 European countries of the chart.



# Global Warming potential

➔ Batteries, hydrogen and bio energies are valid candidates to decarbonise road freight



## 40-ton regional-haul tractor Operating over 800,000 km



**Production & recycling & maintenance** : Volvo internal LCA for diesel and BEV in 2020, scaled for the other cases with Ricardo ED11344 report. For batteries, change after 7 years taken into account, assuming that 40% of the accumulated storage energy is left at SOH=80% for the second life, and that recycling saves 30% of the carbon footprint of a new battery.

### CO<sub>2</sub> emission coefficients:

**Pump Diesel**: 3.09 kgCO<sub>2</sub>eq/l in 2020 (7% bio) decreasing linearly to 2.85 kgCO<sub>2</sub>eq/l in 2030 (17% bio), and constant afterwards

**B100**: 1.14 kgCO<sub>2</sub>eq/l in 2022 (ADEME), decreasing linearly to 1/3 of this value in 2050

**E-diesel**: 0.57 kgCO<sub>2</sub>eq/l in 2020, decreasing to 0.17 kgCO<sub>2</sub>eq/l in 2050.

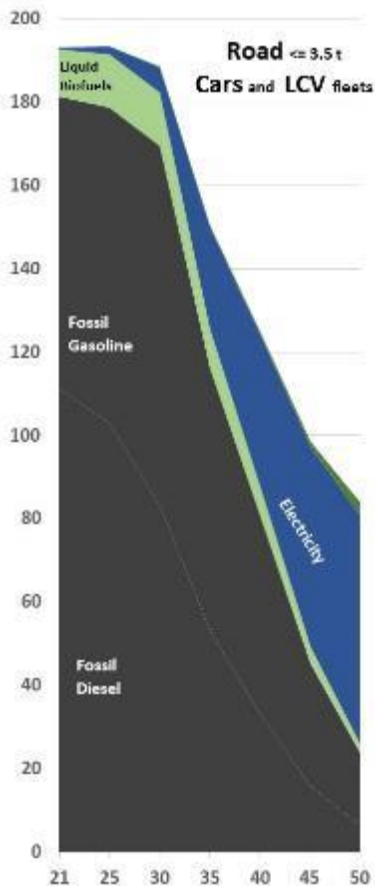
**Bio-CNG**: 0.66 kgCO<sub>2</sub>eq/kgCH<sub>4</sub> in 2020 (ADEME), decreasing linearly to at 1/3 of this value in 2050.

**Green Hydrogen**: 2.7 kgCO<sub>2</sub>eq/kgH<sub>2</sub> in 2020, decreasing to 1.5 kgCO<sub>2</sub>eq/kgH<sub>2</sub> in 2050

**Grid electricity** : 57 gCO<sub>2</sub>eq/kWh in 2021 in France (ADEME), 505 gCO<sub>2</sub>eq/kWh in 2018 in Germany (IEA), decreasing linearly to 30 gCO<sub>2</sub>eq/kWh in 2050.

# Focus on Transport

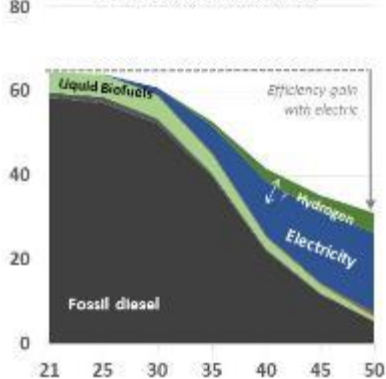
Consumption in Europe (EU27)  
Millions Tons Oil Equivalent



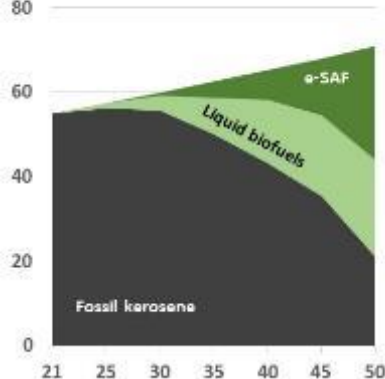
- **Road transport** is moving toward **battery-electric** vehicles, with niche applications for biodiesel and hydrogen
- **Rail** will complete its **electrification**
- **Aviation** will use **liquid biofuels** as much as possible, but will also require **e-fuels**
- **Maritime** transport will use **liquid and gaseous biofuels** along with **e-fuels**



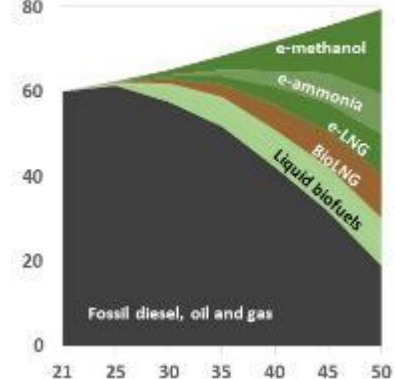
**Road > 3.5 t  
Trucks and Buses fleets**



**Aviation**



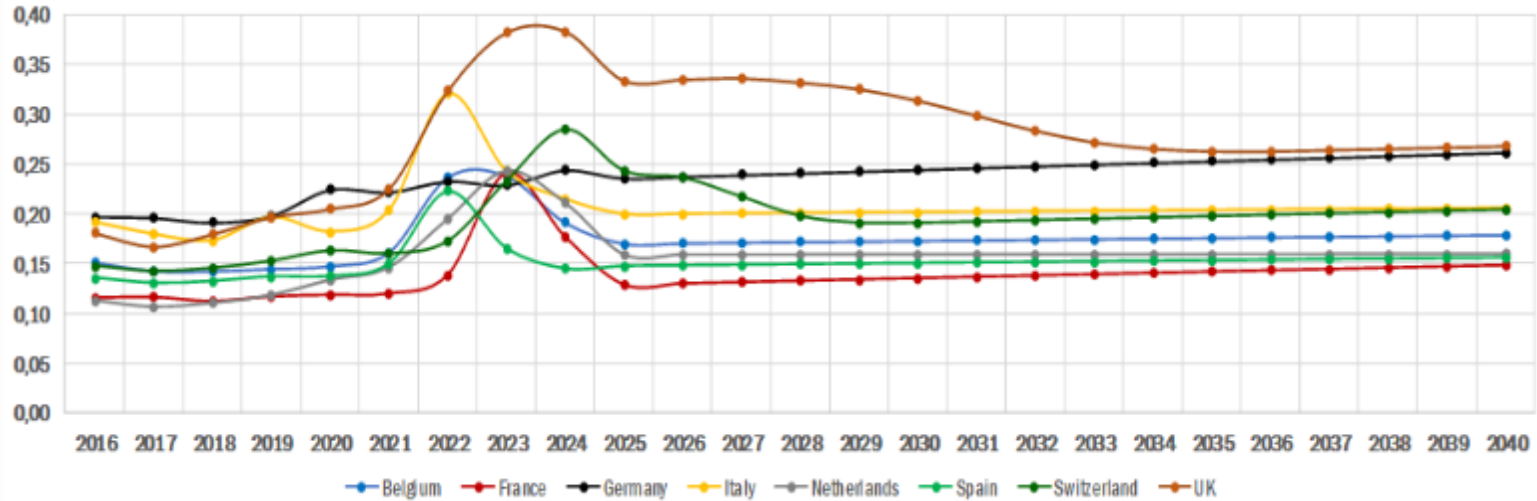
**Marine**



# Plug Electricity Price Forecast

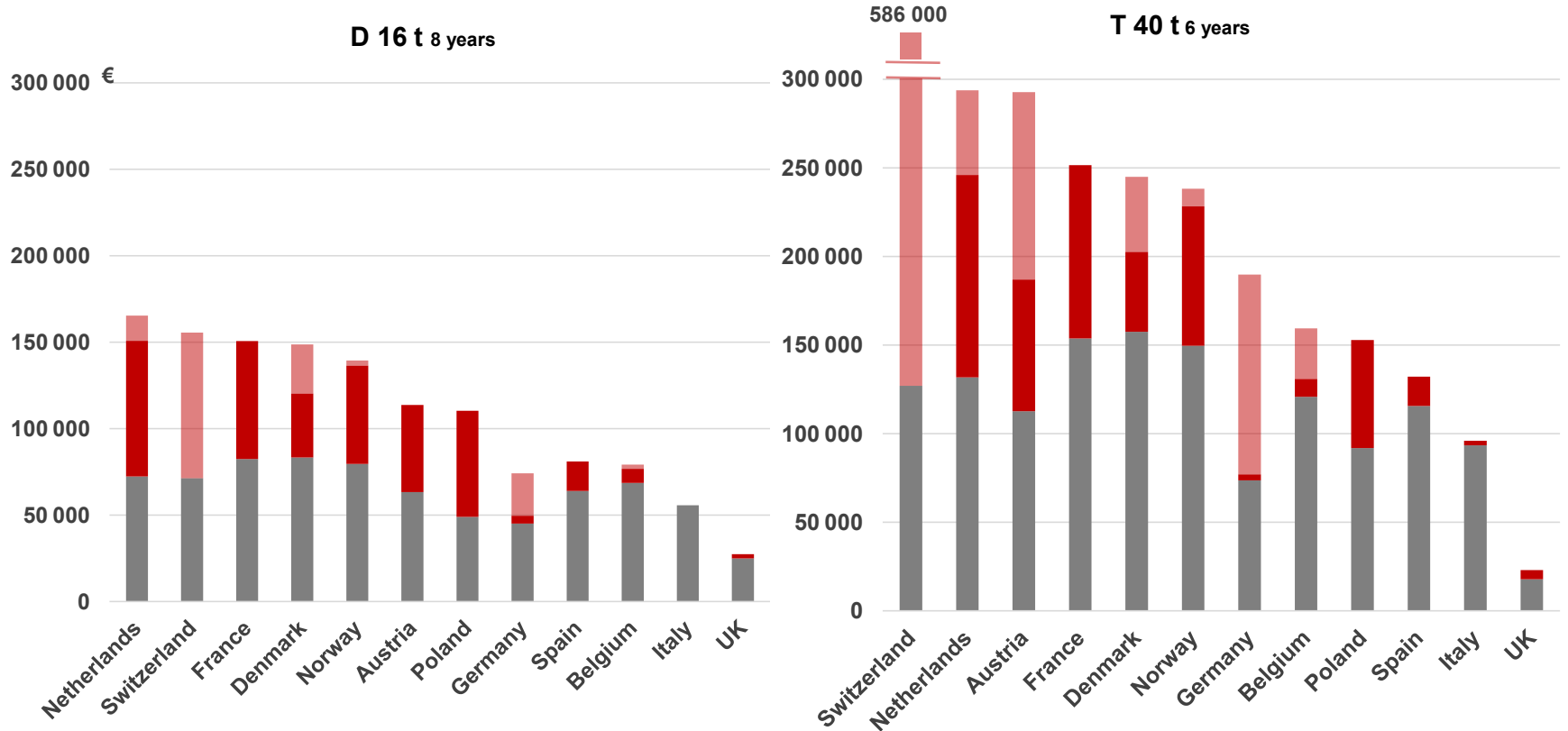
Feb 2026

€<sub>2023</sub> / kWh w/o VAT for 0.5 to 2.0 GWh/year (IC band)



# Public Funding in Europe for Electric Trucks

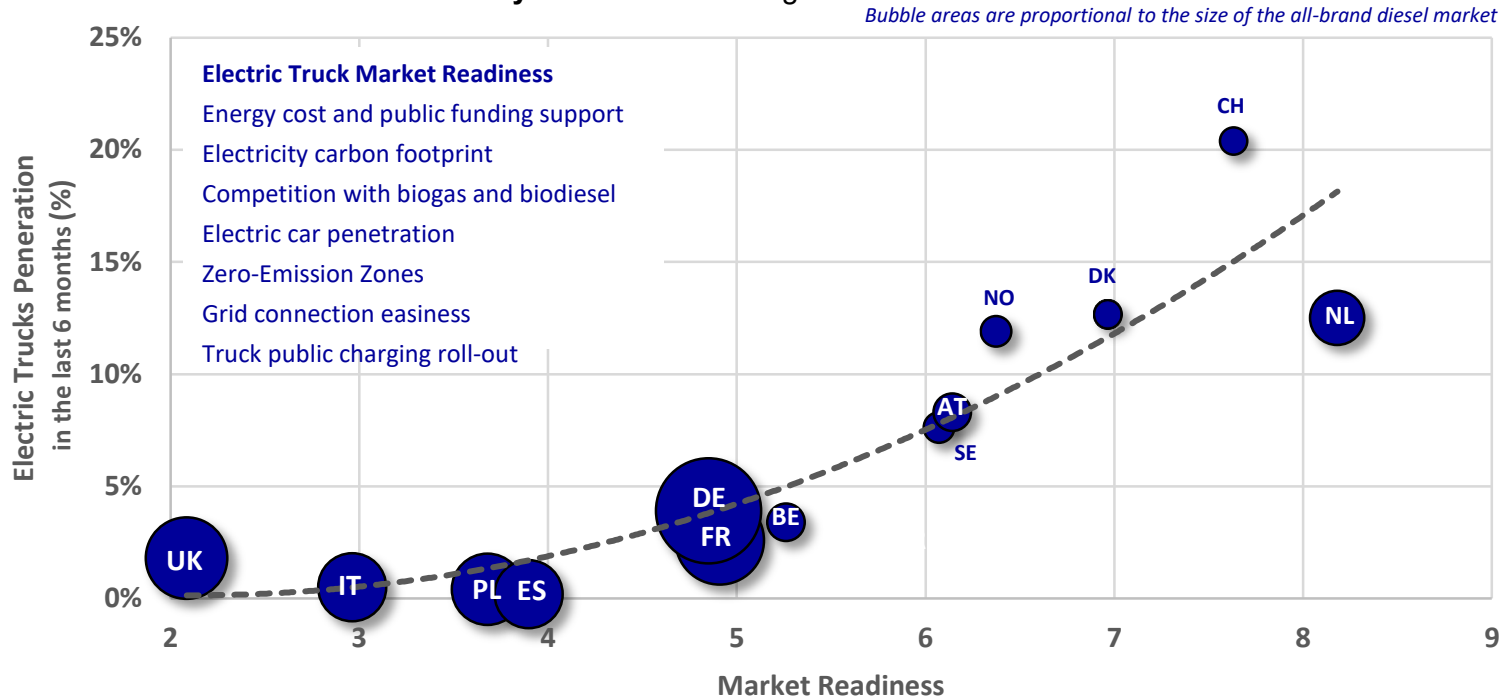
OPEX public support  
 CAPEX public support  
 Energy cost saving vs diesel



Estimated potential public funding support for the truck purchase, operation, and charging infrastructure, including likelihood coefficients when relevant  
 Charging infra cost not included in the energy cost saving.

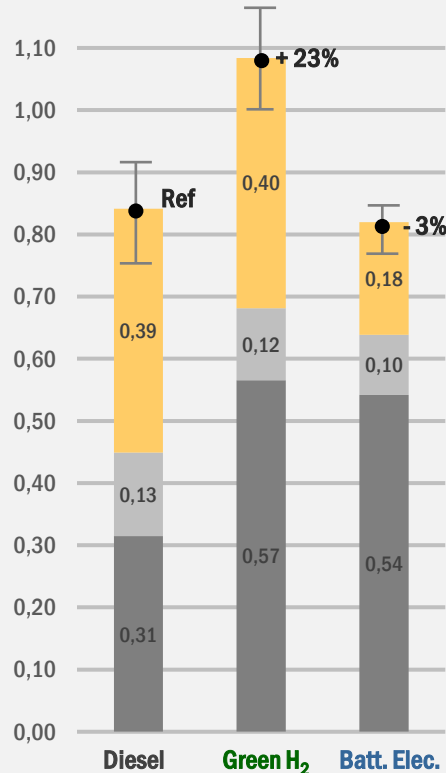
# Market Readiness for All Electric Trucks

- **Netherlands** and **Switzerland** are the most mature
- **Denmark, Norway, Sweden and Austria** have an interesting market readiness
- **France** and **Germany** are at a similar stage



# TCO 2030 Urban

## TOTAL COST OF OWNERSHIP for a truck bought in 2030 €<sub>2024</sub> / km



## TCO parity electric vs diesel before 2030 for urban trucks

16-ton urban distribution truck  
running 280 000 km over 7 years



Energy cost (average over 7 years) is based on a forecast using financial market futures when available, no VAT included

- Diesel: 1.60 €/l (30-36). Includes ETS2
- B100: 1.93 €/l (30-36)
- Bio-CNG: 2.52 €/kg (30-36). Public subsidies not considered.
- Green hydrogen: 7.1 €/kg (30-36)
- Electricity: 0.19 €/kWh (30-36), based on depot night AC charging and with IC band contract. Includes charger installation and initial connection cost amortization.

Tires, air drag improvements, and internal combustion engine (incl. Euro VII) improvements over time taken into account. Energy consumption increase of 3.5% (16-ton), 2.4% (40-ton) per added ton of empty weight for diesel, 1.5% for electric.

Maintenance cost includes predictive & corrective costs and tires (corrected proportionally to vehicle weight.).

Truck cost includes purchase, resale and capital cost.  
All decided public support taken into account in 2024, none in 2030

- Battery pack: 130 €/kWh (2030) with 80% Depth of Discharge, and a residual value of 20% of a new battery for second life at 80% SOH.
- H<sub>2</sub> tank: 400 €/kg (2030). Fuel cell: 170 €/kW (2030), average cycle efficiency of 55% (2030), efficiency decrease of 5 points at mid-life.
- Initial low-volume production and extra warranty cost taken into account for FCEV and BEV.
- Diesel and gas: +2%/year cost increase after 2027 due to the volume base and suppliers number reduction.

Uncertainty range on the graph relates only to energy cost.

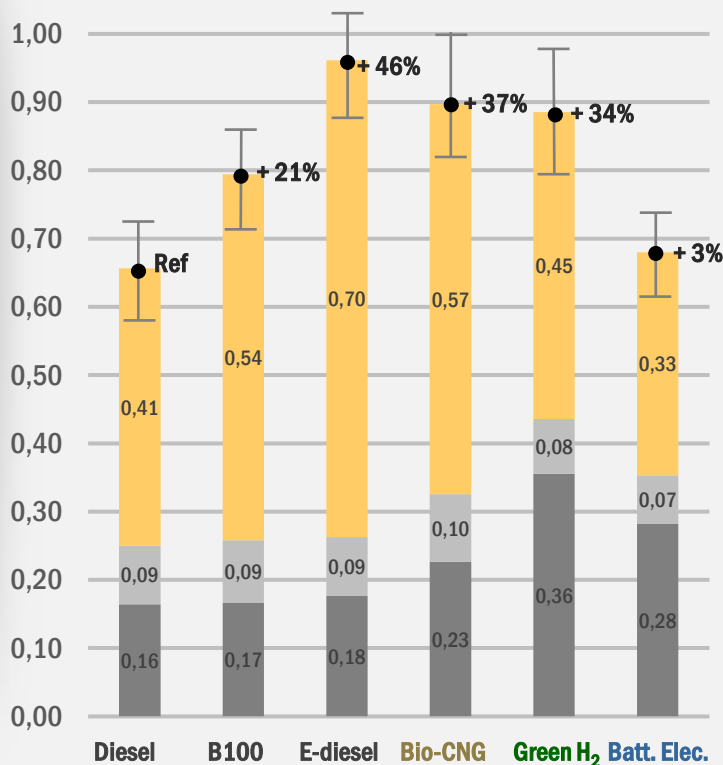
All values in Jan 1<sup>st</sup> 2024 Euros (no inflation) without VAT.

Comparison exercise independent from Renault Trucks product plan

# TCO 2030 Long-haul

## TOTAL COST OF OWNERSHIP for a truck bought in 2030

€<sub>2024</sub> / km



## TCO parity electric vs diesel before 2030 for long-haul trucks

40-ton urban distribution truck  
running 829 000 km over 7 years



Energy cost (average over 7 years) is based on a forecast using financial market futures when available, no VAT included

- Diesel: 1.60 €/l (30-36). Includes ETS2
- B100: 1.93 €/l (30-36)
- Bio-CNG: 2.52 €/kg (30-36). Public subsidies not considered.
- Green hydrogen: 7.1 €/kg (30-36)
- Electricity: 60% private DC at 0.22 €/kWh (30-36), based on depot night DC charging with IC band. Includes charger installation & initial connection cost amortization. And 40% public at 0.32 €/kWh (30-36).

Tires, air drag improvements, and internal combustion engine (incl. Euro VII) improvements over time taken into account. Energy consumption increase of 3.5% (16-ton), 2.4% (40-ton) per added ton of empty weight for diesel, 1.5% for electric.

Maintenance cost includes predictive & corrective costs and tires (corrected proportionally to vehicle weight.).

Truck cost includes purchase, resale and capital cost.  
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- Battery pack: 130 €/kWh (2030) with 80% Depth of Discharge, and a residual value of 20% of a new battery for second life at 80% SOH.
- H<sub>2</sub> tank: 400 €/kg (2030). Fuel cell: 170 €/kW (2030), average cycle efficiency of 55% (2030), efficiency decrease of 5 points at mid-life.
- Initial low-volume production and extra warranty cost taken into account for FCEV and BEV.
- Diesel and gas: +2%/year cost increase after 2027 due to the volume base and suppliers number reduction.

Uncertainty range on the graph relates only to energy cost.

All values in Jan 1<sup>st</sup> 2024 Euros (no inflation) without VAT.

Comparison exercise independent from Renault Trucks product plan

03

# Product range

# RENAULT TRUCKS GLOBAL E-TECH LINE-UP

Made in France

From 650 kg to 50 t

T MODEL

C MODEL

D WIDE MODEL

D MODEL

MASTER - TRAFIC MODEL

KLEUSTER MODEL



Bourg-en-Bresse Factory



Blainville-sur-Orne Factory



Batilly Factory



Venissieux Factory

# Renault Trucks E-Tech D 16t

## City distribution solution

### 1 ELECTRIC MOTOR

Max power 185 kW  
Cont. power 130 kW  
Max torque 425 Nm

### BATTERIES

Up to 375 kWh  
3 to 4 packs  
Lithium-ion

### DRIVING RANGE

Up to 350 Kms  
with a van body 4X94 kWh

### PAYLOAD

GVW capacity 16,7t

### TIRES 19'5



Front axle capacity 5.8t

### CHARGING

AC - 43 kW onboard charger  
DC - Fast charge up to 150 kW

### 4X2 WHEELBASE

3,800 mm up to 6,500 mm  
Full air suspension

### OPTIONS

ePTO mechanical or electrical  
Cab deflector  
Tail lift pre-equipment  
ADR AT compatible

# Renault Trucks E-Tech D18t XL

City distribution solution with higher payload and range

## TIRES 22"5

### 1 ELECTRIC MOTOR

Max power 185 kW  
Cont. power 130 kW  
Max torque 425 Nm

### BATTERIES

Up to 375 kWh  
3 to 4 packs  
Lithium-ion

Up to 565 kWh

5 to 6 packs

Only for wheelbases 5,900 mm  
6,200 mm

### DRIVING RANGE

Up to 530 Kms  
with a van body 6X94 kWh

### PAYLOAD

GVW capacity 18t



Front axle capacity 7,1t

### CHARGING

AC - 43 kW onboard charger  
DC - Fast charge up to 150 kW

### 4X2 WHEELBASE

4,100 mm up to 6,200 mm  
Full air suspension

### OPTIONS

ePTO mechanical or electrical  
Cab deflector  
Tail lift pre-equipment  
ADR AT compatible

# Renault Trucks E-Tech D Wide 19t & 26t

For urban & peri urban activities

## 2 ELECTRIC MOTORS

Max power 370 kW  
 Cont. power 260 kW  
 Max torque 850 Nm

## BATTERIES

Up to 375 kWh  
 3 to 4 packs  
 Lithium-ion

## DRIVING RANGE

Up to 300 km  
*with a van body*

Up to 125 km  
*with a refuse collector body*

## PAYLOAD

GVW capacity 21t / 28t

TIRES 22'5



Front axle capacity 8t/9t



## CHARGING

AC - 43 kW onboard charger  
 DC - Fast charge up to 150 kW

## WHEELBASE

3,900 mm up to 6,800 mm  
 Full air suspension

## OPTIONS

ePTO mechanical & electrical  
 Refuse collector *pre-arrangements*  
 Cab back crane legs *pre-arrangements*  
 Tail lift pre-equipment  
 ADR AT compatible

# E-TECH TRACTORS OFFER EVOLUTION in 2026

	REGIONAL DISTRIBUTION		INTER REGIONAL HAUL	
	2025 Offer	2026 T 540	2026 T 585	2026 T780
Driveline type	Gearbox Diesel type + transmission shaft	Gearbox BEV type + transmission shaft	E-Axle type	
Energy capacity @ BoL (installed/useable)	540 kWh 380 kWh	540 kWh 410 kWh	585 kWh 630 kWh	780 kWh 630 kWh
Range (km) with one charge	up to 300 km	up to 450 km	up to 500 km	up to 700 km
Time to charge (20-80%)	60min with CCS up to 250kW	50min with CCS up to 350kW (No AC capacity)	70min with CCS up to 350kW (No AC capacity)  40min with MCS up to 720kW	
Load capacity @ UE <sub>GCW</sub> 40 @ FR <sub>GCW44</sub> with ISO trailer	23T / 25T	22,5T / 24,5 T	22,2 / 26,2T	
Max technical GCW	Up to 50T	Up to 65T	Up to 48T	

# E-Tech T extended – Chassis overview

## Up to 780kWh batteries to reach 700km

### Charger interface

MCS (Megawatt Charging System) inlet and combined CCS2 (Combined Charging System) inlet



### Lightweight tag axle

The lightweight TAG axle improves load distribution with its 17"5 tires



### L-shaped battery

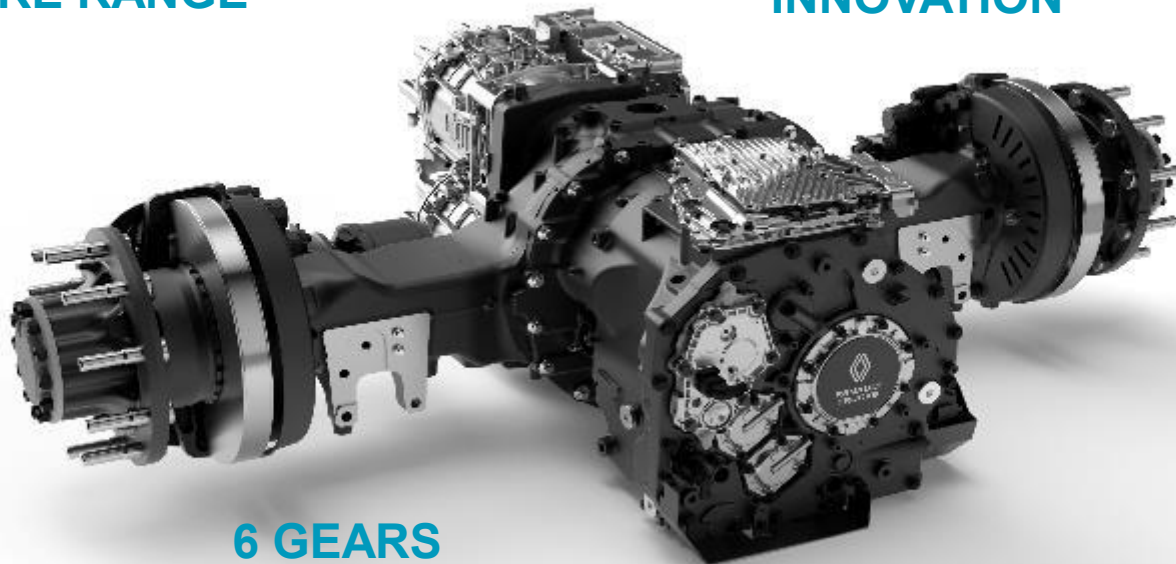
The batteries are L-shaped to make better use of the space on the frame. Improved battery cells with prismatic lithium-ion NCA technology (nickel, cobalt and aluminum) and an updated battery monitoring system. 2 combinations acc. to wheelbase

The E-Tech T extended model is a narrow specification T, with a new battery platform, new driveline (E-Axle) and new charging interface including MSC standard.

# Powered by eAxle available in 420 or 460 kW power version (570hp – 625hp)

**MORE SPACE FOR BATTERIES  
MORE RANGE**

**IN-HOUSE TECHNOLOGY  
INNOVATION**



**6 GEARS  
1000 N.M DUAL MOTORS**

The new e-axle integrates electric motors, power electronics, transmission and a traditional 13t axle capacity

# Renault Trucks E-Tech MHDV 2026

E-AXLE & L-SHAPE  
BATTERIES  
ON T

Up to  
700 km

NEW  
BATTERIES  
GENERATION  
ON T & C

Up to  
450 km

NEW  
BATTERIES  
ON D &  
D WIDE

D12 XL (14t)  
2.40 m width





## **4 - BEV**

### *USE CASES*





## Operability

- Autonomy
- Infrastructure



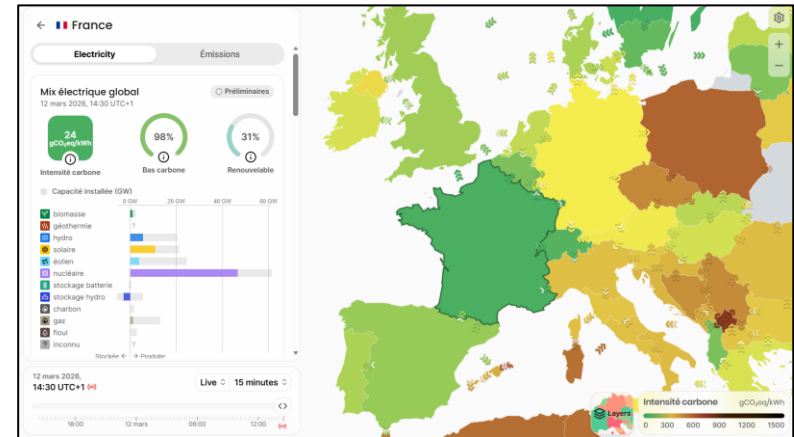
## TCO

- Vehicle cost
- € per kWh (break even)



## CO2 savings

- Electrical mix
- I-REC



Source: site electricity map

[France | Electricity Maps](#)



# USE CASES

## Distribution France



Milkrun deliveries from EDC or distribution platforms

From 180 to 450 kms/day/truck

**17 light trucks:** mainly Volvo FM and some Renault truck E-Tech D

**-600 T.CO2**

## Poland: internal site shuttles



Internal daily trucks doing round trips from plant to warehouse

3 kms from point A to B

8 “shuttle” trucks

**Electrical mix in Poland**  
**Though weather conditions (-20° in winter)**

## 2026 projects



Linehails from Clermont to distribution platforms

530 kms for Vitrolles (via Solignac-sur-Loire)  
370 kms for Bourges

**4 trucks:** MAN e-TGX

**-540 T.CO2**



04

# Decarbonization project approach

# Journey towards decarbonisation, with serenity



# Not only a major technology shift, the real transformation IS ABOUT PEOPLE...

>100

electromobility experts

4 NEW ROLES

Energy Transition Specialist • Charging Specialist  
Project Manager • Operational Efficiency Specialist

E-TECH CERTIFIED DEALERS

51,000 hours

of Electromobility trainings in 2024

This site has received the  
**RENAULT TRUCKS E-TECH Certification**  
Technicians are trained and the site is equipped  
to sell, and maintain RENAULT TRUCKS E-Tech  
vehicles 100% electric

DEALER'S NAME

RENAULT TRUCKS

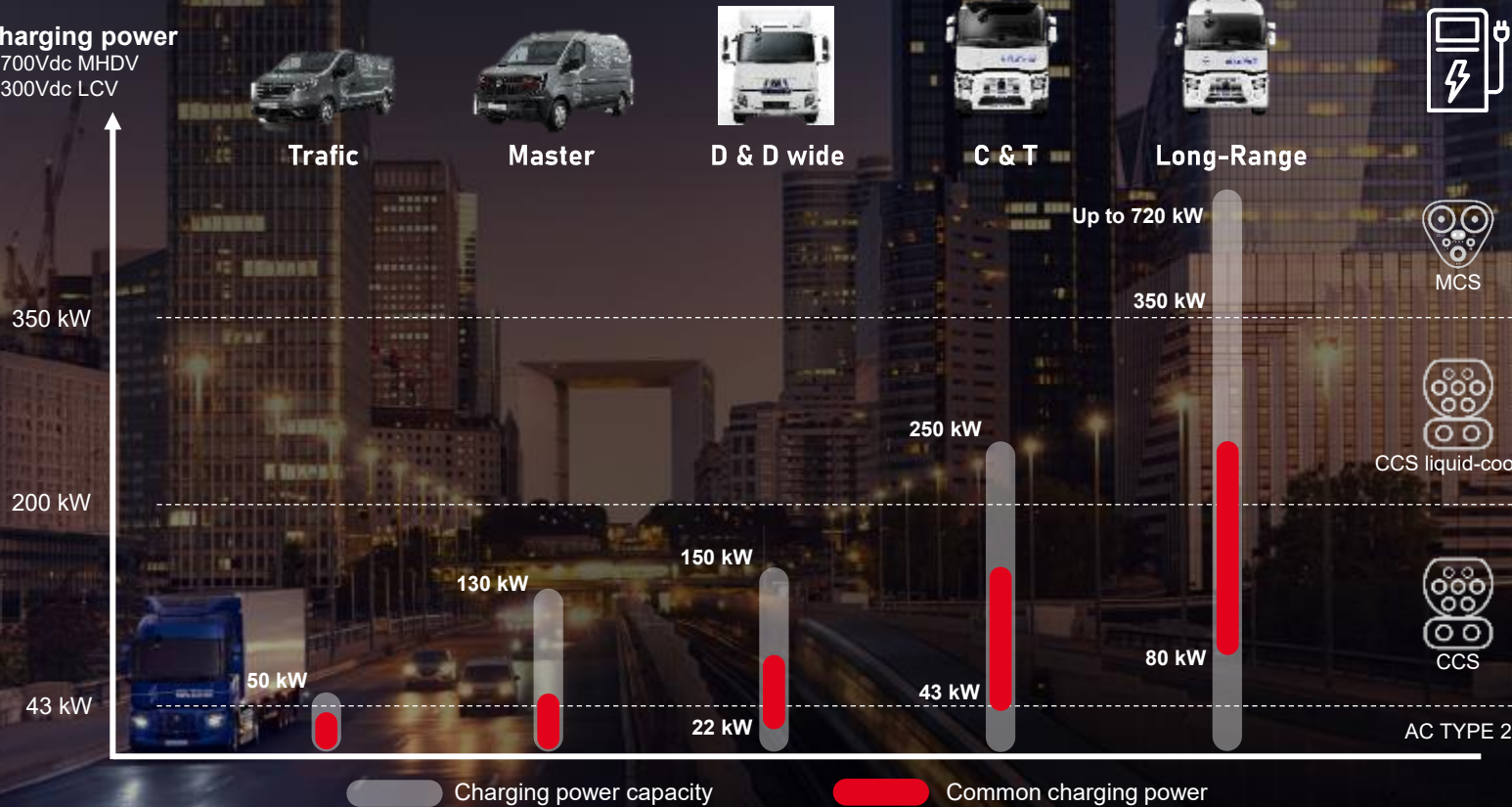


05

# Charging Infrastructure

# CHARGING CAPABILITY

**Charging power**  
 @700Vdc MHDV  
 @300Vdc LCV



Connector technology

# CHARGING CAPABILITY & TIME<sup>(1)</sup>



CHARGER	Traffic 52 kWh	Master 87 kWh	D 6 BP - 564kWh	D wide 4 BP - 376 kWh	C 4 BP - 360 kWh	T 6 BP - 540 kWh	T 8 BP - 780 kWh	
AC	7 kW	6h00	10h30					
	22 kW	2h00	3h30					
	43 kW			9h50	6h30	5h30	8h05	
	50 kW	1h00	1h30					
DC	100 kW		1h10 <sup>(2)</sup>	3h55	02h40	2h20	3h20	
	150 kW		0h50 <sup>(2)</sup>	2h50	2h00	1h40	2h20	
	250 kW						1h40	
	350 kW						1h10	1h10 <sup>(3)</sup>
	750 kW							0h40 <sup>(3)</sup>

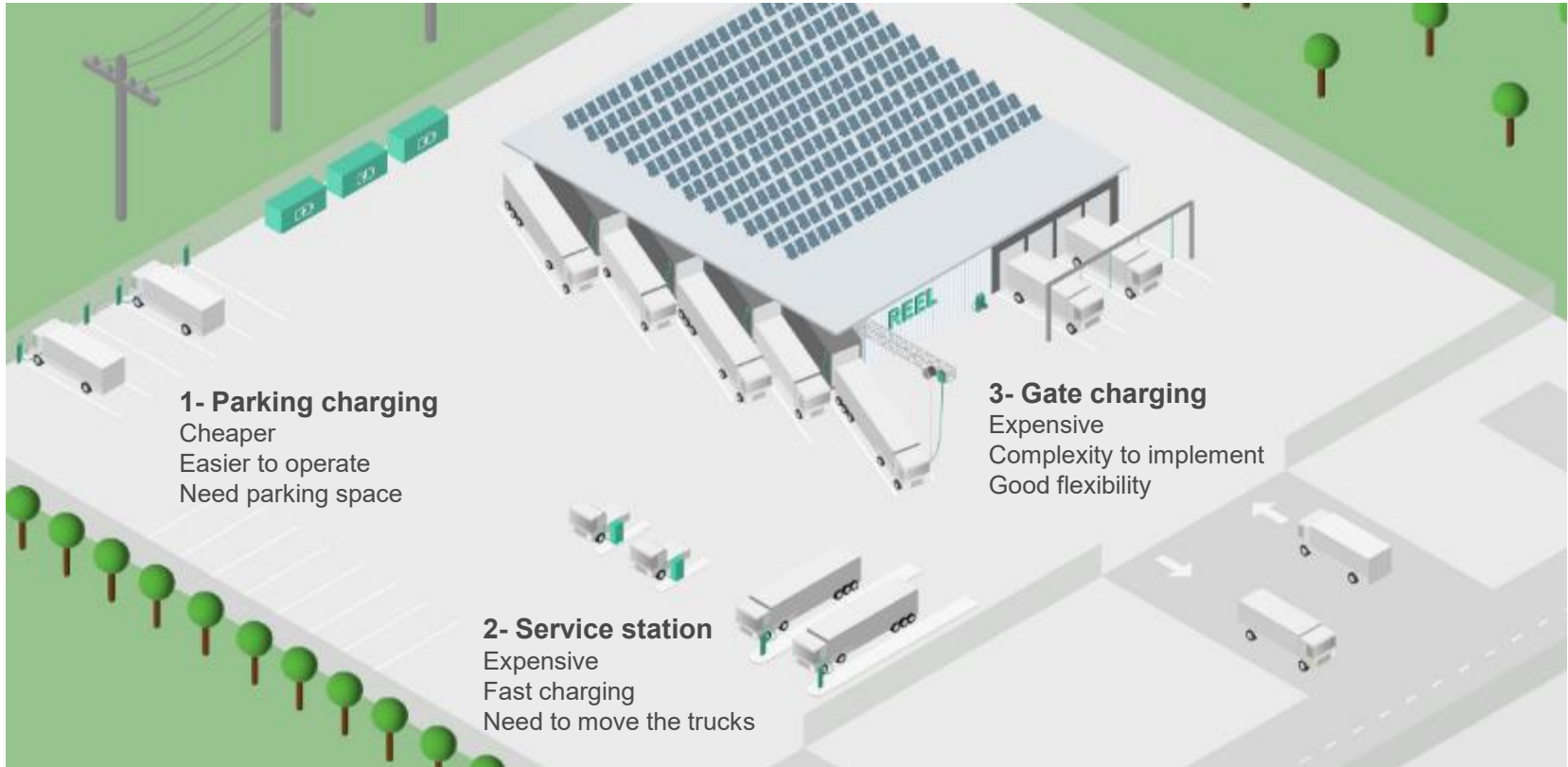
(1) Indicative time | Charging time from 20 to 100% SOC

(2) Max. charging capacity of 130 kW up to 40% SOC, 100 kW up to 70% SOC

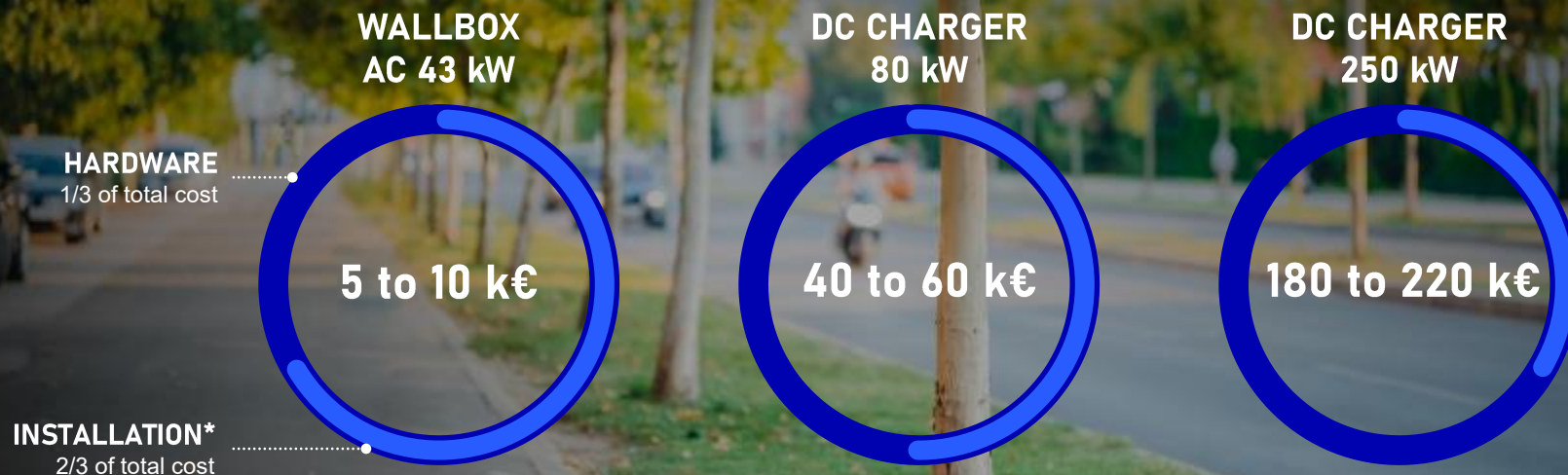
(3) from 20 to 80% SOC representative of highway charging need

# Charging solutions

## Depot parking charging as preferred scenario

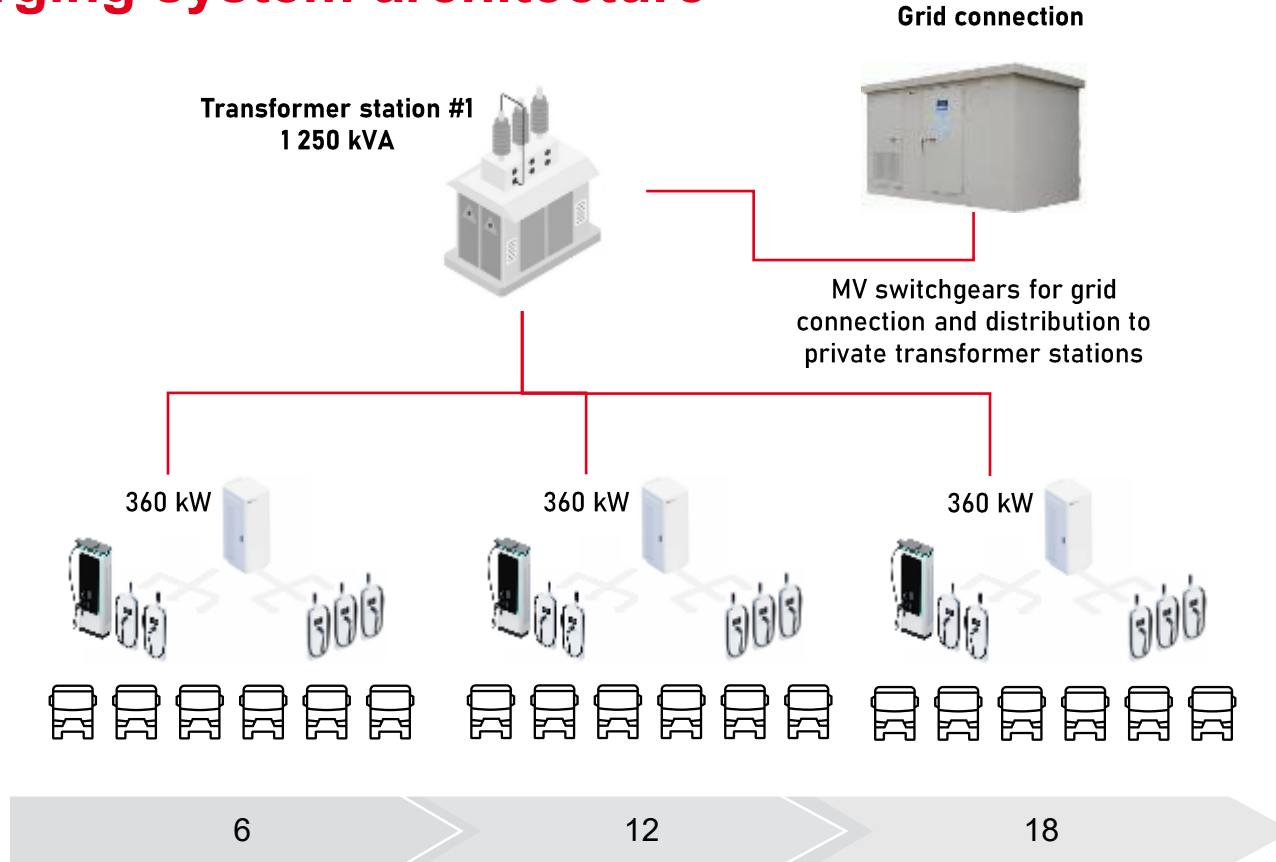


# Charging infrastructure cost indication



\* Grid connection cost excluded, +/- 30% possible variation depending on site characteristics

# Charging system architecture



# Charging system architecture

## 2 shifts intensive (1x360 kW or 6x60 kW)

### Summary according to quantity of trucks

Nb of Trucks	Hardware Price	Installation Price	Transformer station & Grid	CAPEX		Financial cost	Charger maintenance	Residual value	Total OPEX	TOTAL	Util rate %	Added cost c€/kWh
				Total	Per Truck							
6	156 k€	93 k€	160 k€	409 k€	68 k€	88 k€	94 k€	0 k€	182 k€	591 k€	28%	8,4
12	312 k€	167 k€	160 k€	639 k€	53 k€	138 k€	187 k€	0 k€	325 k€	964 k€	28%	6,8
18	468 k€	229 k€	160 k€	857 k€	48 k€	184 k€	281 k€	0 k€	465 k€	1 322 k€	28%	6,2
24	624 k€	271 k€	160 k€	1 055 k€	44 k€	227 k€	374 k€	0 k€	602 k€	1 657 k€	28%	5,9

**Truck usage:** T Truck GEN II, 550 km / day, 260 day / year, 1,03 kWh/km, **Hardware cost** according to market price: 90 k€ for 360kW power unit + 8 / 26 k€ for non-liquid / liquid cooled satellite, **Amortization duration:** 8 years, **Financial cost:** 8 years loan, 5% interest rate, **Charger OPEX per year:** 3% of HW cost for preventive maintenance & supervision, 6% for corrective maintenance

### Infrastructure added cost per kWh according to daily mileage & amortization time

Amortization (year)	Daily mileage (km)						Daily mileage (km)						Daily mileage (km)					
	300	350	400	450	500	550	300	350	400	450	500	550	300	350	400	450	500	550
4	30,6	26,3	23,0	20,4	18,4	16,7	25,0	21,4	18,8	16,7	15,0	13,6	22,8	19,6	17,1	15,2	13,7	12,5
5	24,5	21,0	18,4	16,3	14,7	13,4	20,0	17,1	15,0	13,3	12,0	10,9	18,3	15,7	13,7	12,2	11,0	10,0
6	20,4	17,5	15,3	13,6	12,3	11,1	16,7	14,3	12,5	11,1	10,0	9,1	15,2	13,1	11,4	10,2	9,1	8,3
7	17,5	15,0	13,1	11,7	10,5	9,5	14,3	12,2	10,7	9,5	8,6	7,8	13,1	11,2	9,8	8,7	7,8	7,1
8	15,3	13,1	11,5	10,2	9,2	8,4	12,5	10,7	9,4	8,3	7,5	6,8	11,4	9,8	8,6	7,6	6,9	6,2
9	13,6	11,7	10,2	9,1	8,2	7,4	11,1	9,5	8,3	7,4	6,7	6,1	10,2	8,7	7,6	6,8	6,1	5,5
10	12,3	10,5	9,2	8,2	7,4	6,7	10,0	8,6	7,5	6,7	6,0	5,5	9,1	7,8	6,9	6,1	5,5	5,0

6 Trucks

12 Trucks

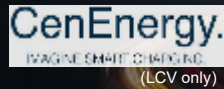
18 Trucks

Infrastructure added cost to be added to energy price to calculate total charging cost. In April 2024, the energy price in France for a standard energy contract based on regulated prices is 25 c€ per kWh.

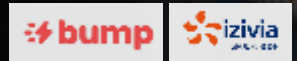
# OUR NETWORK



**Mobilize**  
power solutions  
(LCV only)



**CenEnergy**  
IMAGINE SMART CHARGING  
(LCV only)

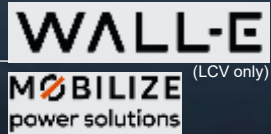


**CHARGEPLY** **Mobilize**  
power solutions  
(incl. LCV)

**Mobilize**  
power solutions  
(incl. LCV)



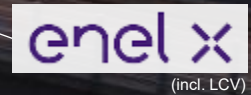
**Joulz**  
(incl. LCV)



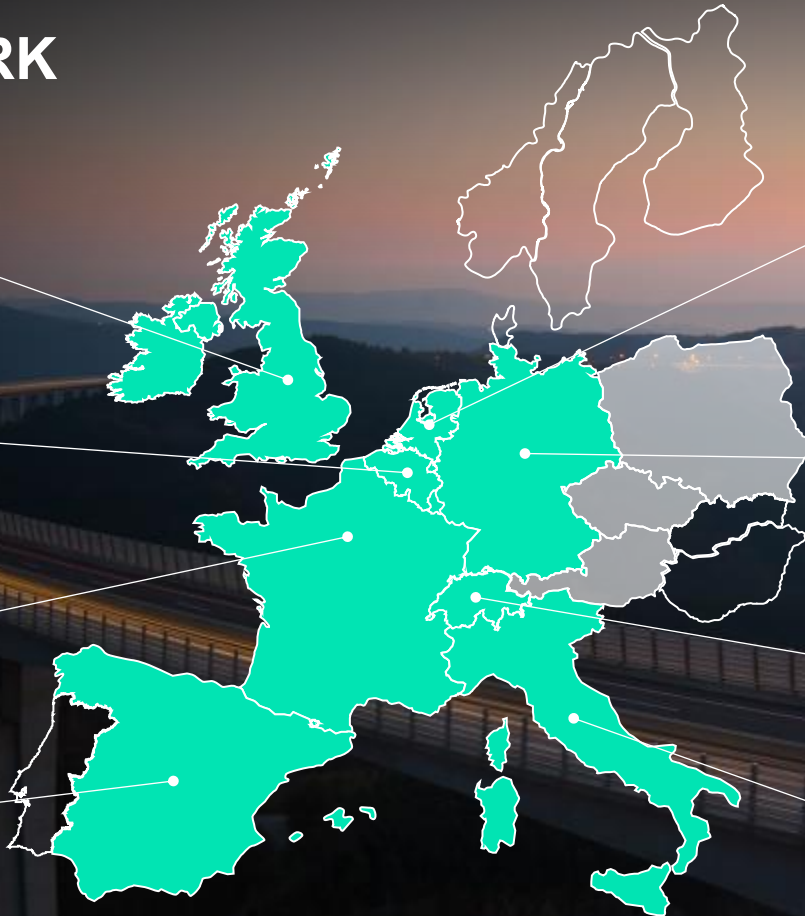
**WALL-E**  
**Mobilize**  
power solutions  
(LCV only)



**AVIA VOLT**



**enel x**  
(incl. LCV)



Agreement signed

Agreement under discussion

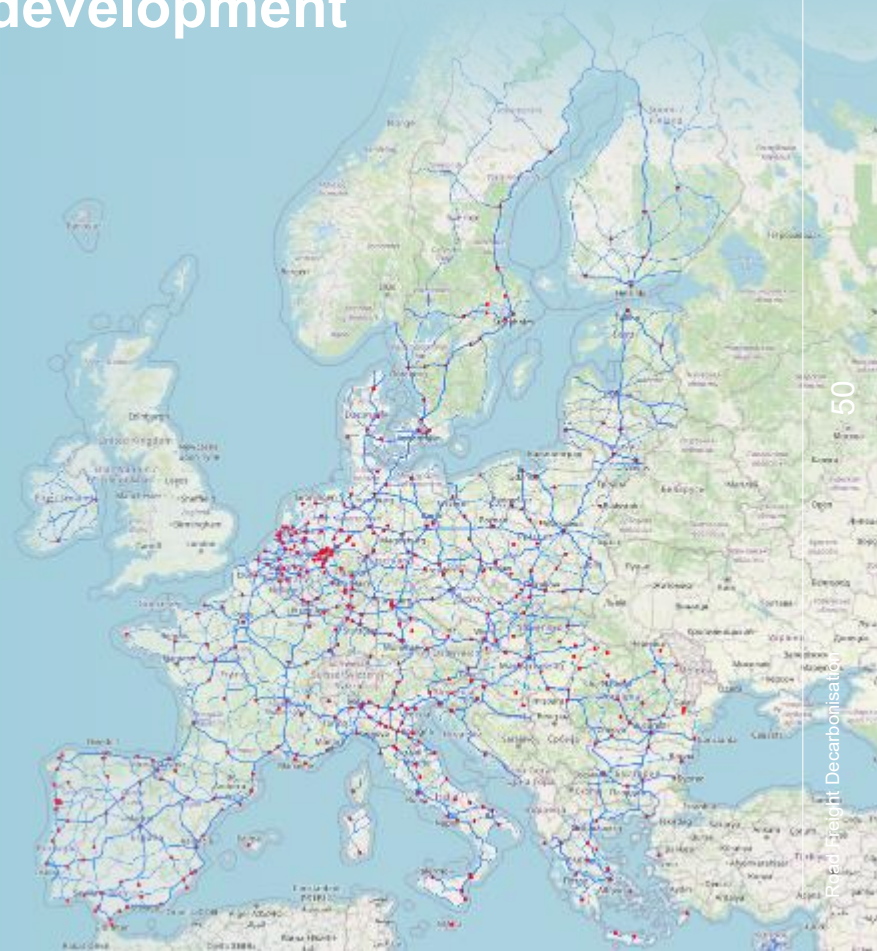
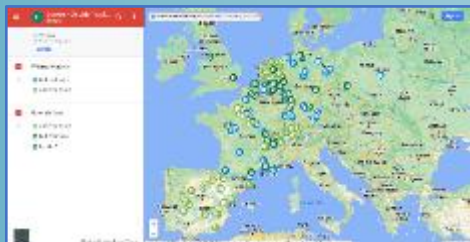
# Public charging infrastructure development

AFIR • EUROPEAN REGULATION THAT DEFINES

**# 2026** 500 high power charging pools for trucks

**# 2031** Each 60 km (or 100 km on non-core networks) on the 90,000km of the main European highways

HD TRUCKS PUBLIC CHARGING HUBS LOCATIONS  
(Maintained by Renault Trucks)



Public charging stations for electric trucks in Europe

# CONTINUEZ A ECHANGER AVEC VOS PAIRS



[@france supply chain by aslog](https://www.instagram.com/france_supply_chain_by_aslog)



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# VOS QUESTIONS

**Antoine CHATARD**

*Performance & Progrès / Transport*



**Pierre CHAUFOUR**

*Business Intelligence*



**RENAULT  
TRUCKS**

**Stève MANIKAS**

*Electromobility Solutions Sales  
Director*



**RENAULT  
TRUCKS**

